

# 100 GeV Polarized Proton Run

[http://www.cadops.bnl.gov/AP/Spin2009\\_100GeV/](http://www.cadops.bnl.gov/AP/Spin2009_100GeV/)

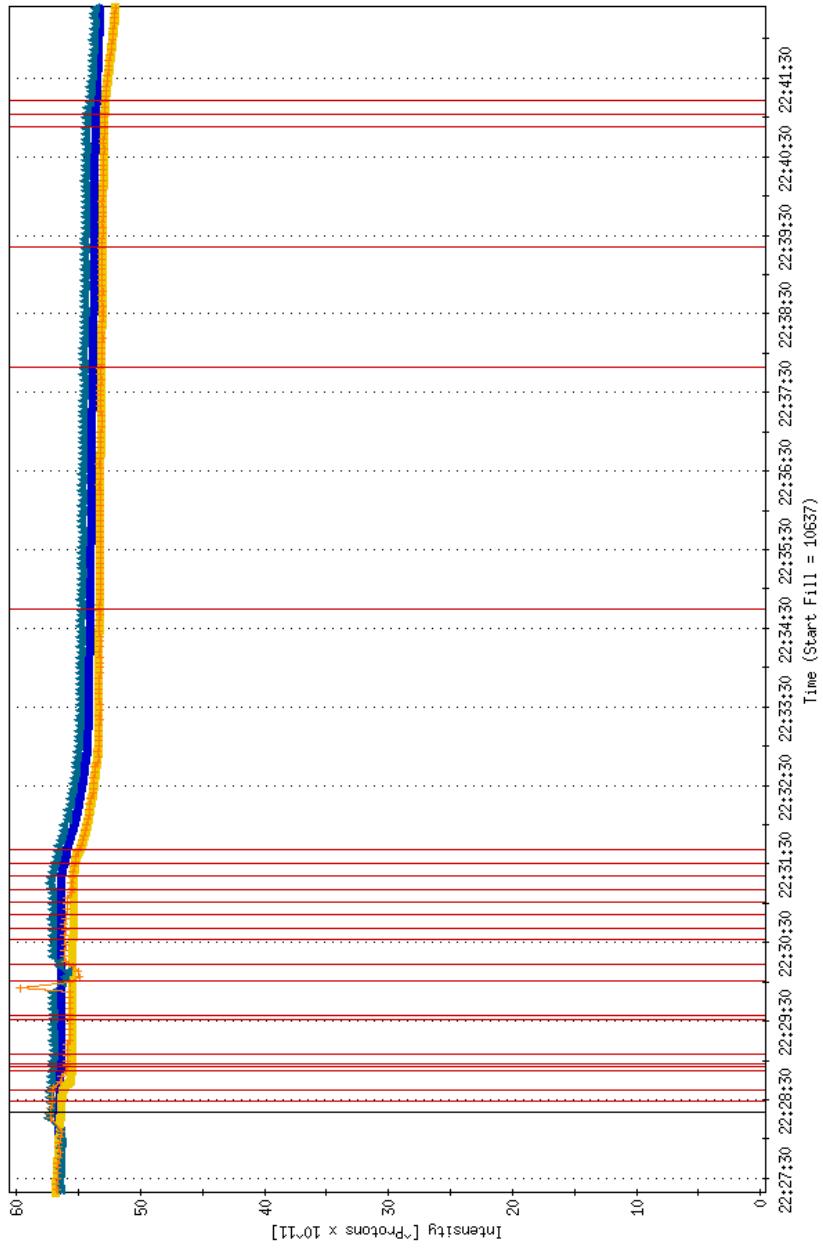
April 21, 2009

## RHIC setup progress

- 100 GeV run started Thursday, 4/15, at 00:30
- Overnight stores with vertical polarization Saturday and Sunday, 4/17 and 4/18, 56x56, 1.05e11
- Rotator ramp development began Sunday, 4/18

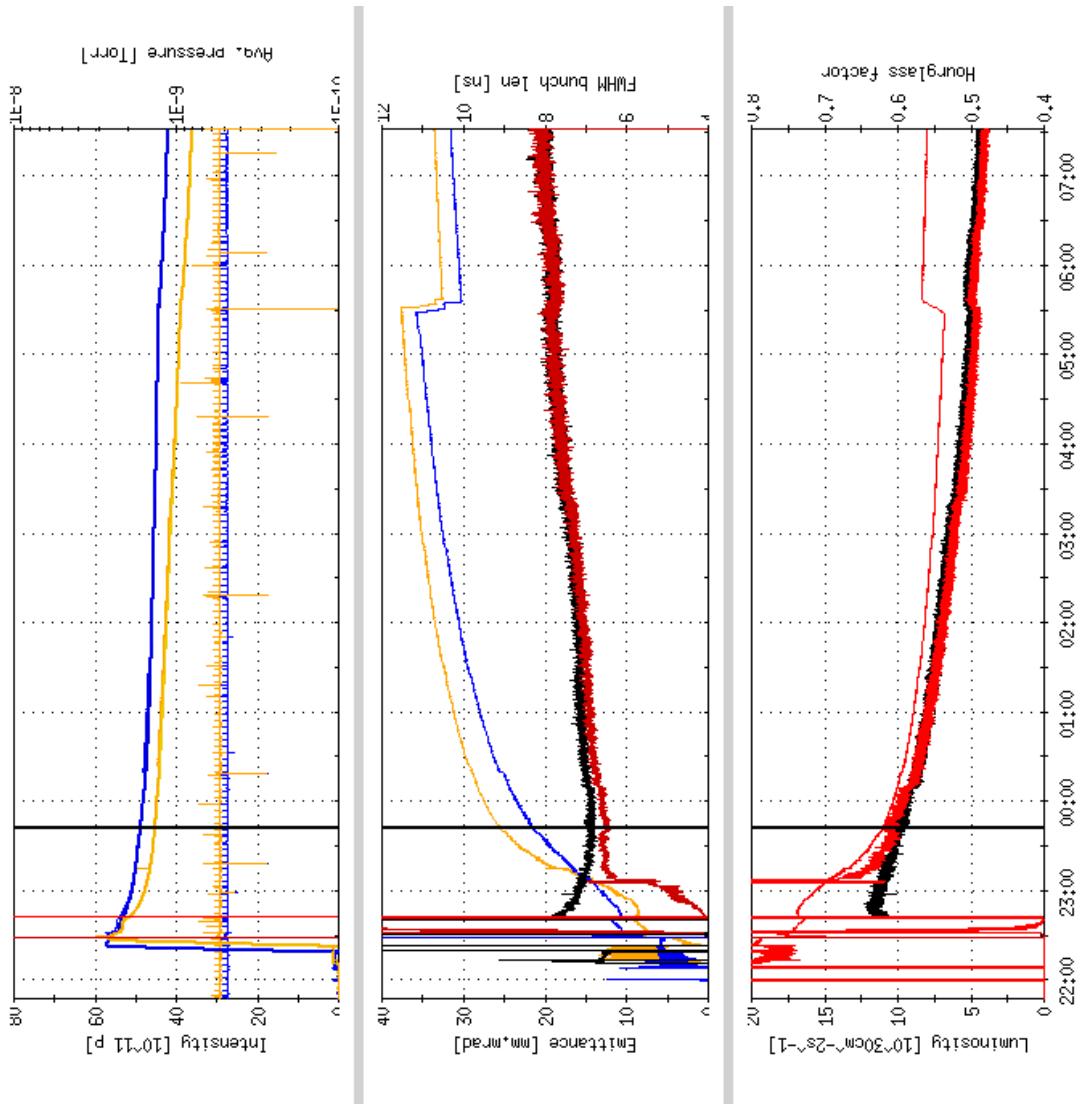
## Present Machine Status

### Last night's ramp for overnight store



56x56 bunches, 1.06e11. 60 percent longitudinal polarization at store

## Last night's store



## To-do list

- Nonlinear chromaticity correction
- IR nonlinear correction
- Vernier scans
- Set-up quad mode pumping in AGS to reduce bunch length. Increase RHIC RF voltage
- Increase number of bunches to 109x109, then ramp up intensity